Cost of Fuel and Utilities
Newfoundland & Labrador
1987

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EXECUTIVE SUMMARY

INTRODUCTION

This latest survey of fuel and utility consumer prices was conducted during the period of May 25-29, 1987. Retail prices in a number of Newfoundland communities are collected for furnace oil and stove oil, regular and unleaded gasoline, diesel fuel oil and electricity. The survey also compares petroleum product prices and electricity rates throughout the Province for May, 1987 with those in May, 1986. The historical supplement shows how prices have moved since the survey started in 1975. Also included are price comparisons of some fuels in the major cities of Canada.

PETROLEUM PRODUCT PRICES

The results of this year's survey show the average prices of most petroleum products for the Province have decreased 3 to 10 percent over last year. This compares to a decrease of 7 to 14 percent over the period 1985 to 1986. This is the second consecutive year a decrease in price has occurred since the survey started in 1975.

FURNACE OIL

The average price of furnace oil for the Province in May 1987 was 32.3 cents a litre, a decrease of 8.2 percent from May of 1986. The average price to residents of Labrador was the highest at 35.7 cents per litre.

Most communities surveyed paid in the range of 31.5 and 33.1 cents per litre. Consumers in Happy Valley/Goose Bay paid the high of 37.4 cents per litre.

STOVE OIL

The Provincial average price for stove oil decreased by 6.9 percent over last year from 37.6 cents per litre in May 1986 to 35.0 cents per litre in May 1987. Consumers in Labrador paid on average the high of 43.0 cents per litre while residents of the Burin Peninsula paid the low of 34.1 cents per litre.

For the Island, residents of Change Islands paid the highest price for stove oil reported at 37.4 cents per litre while Seldom and Musgrave Harbour residents experienced the lowest price of 31.1 cents per litre. The highest price in the Province was 48.2 cents per litre recorded for the community of Port Hope Simpson in Labrador.

GASOLINE

The Provincial average price for regular leaded gasoline in May of this year was 56.1 cents per litre representing a decrease of 0.9 percent over last year.

Residents in Labrador had the highest average price of 61.3 cents per litre while the Humber District and Central Newfoundland had the lowest at 55.0 cents per litre. The price per litre ranged from a low of 52.7 cents per litre in Victoria to a high of 71.0 cents per litre in Mary's Harbour and Port Hope Simpson.

For regular unleaded gasoline the Provincial average price decreased by 1.4 percent over the year dropping to 58.3 cents per litre in May 1987. The highest average price for the ten census divisions was experienced in Labador and the lowest in the St. George's area. Prices were 62.1 cents per litre and 56.8 cents per litre respectively.

Most residents paid within the range of 56 to 60 cents a litre. Those living in Port Hope Simpson paid the high of 66.2 cents per litre while consumers in Stephenville and Kippens paid the low of 55.6 cents a litre.

DIESEL

The average price of diesel fuel on the Island was 57.8 cents per litre, an decrease of 10.2 percent from the price in May of 1986. The highest average price of 63.5 cents per litre was recorded in Census Division 10, Labrador, whereas a low of 55.6 cents per litre was recorded in Census Division 4, St. Georges. The price of diesel fuel ranged from 52.1 cents per litre in Milltown to 70.1 cents per litre in Nain.

COMPARISON WITH OTHER PROVINCES

Appendix XI to XV illustrate the average prices of furnace oil, regular leaded gasoline and regular unleaded gasoline for the main centres in Canada in May 1986 and May 1987.

The price of furnace oil ranged from a low 26.6 cents per litre in Montreal to a high of 33.0 cents per litre in Saint John. Prices for regular leaded gasoline bought at full-service filling stations ranged from 38.1 cents per litre in Edmonton to 53.7 cents per litre in St. John's. Regular leaded gasoline prices at self-service stations were lowest in Edmonton at 37.8 cents per litre and highest in Montreal at 53.3 cents per litre. Regular Unleaded gasoline sold at full-service stations ranged from a low of 40.8 cents per litre in Edmonton to a high of 57.1 cents per litre in Montreal. At self-service stations prices ranged from 40.2 cents per litre in Edmonton to a high of 56.6 cents a litre in Montreal.

ELECTRICITY

Over the period April 1986 to April 1987 the rate structure for electricity from Newfoundland Light and Power Limited remained unchanged. The elimination of a Fuel Adjustment Charge and introduction of a Rate Stabilization clause introduced as of January 1, 1986, remained in effect.

For the average regular domestic customer (excluding those who have electric heat) on the Island, serviced by Newfoundland Light and Power Limited, the monthly bill for electricity decreased by 0.4 percent from $44.27 in April 1986 to $44.09 in April 1987 (based on an average monthly consumption of 575 kilowatt hours).

The average all electric customer (who uses electricity for space heating) experienced a decrease of 1.3 percent from $112.19 in April 1986 to $110.70 in April 1987 (based on an average monthly consumption of 1667 kilowatt hours).

For those customers in the Province who are serviced by diesel generated power, prices were 0.4 percent lower. The average bill for electricity in April 1986, for the domestic customer was 46.22 as opposed to 46.02 in April 1987.

INTRODUCTION

This is the tenth report on the cost of fuel and utilities in Newfoundland and Labrador. The earlier surveys were conducted September 1975, December 1977, April 1980, April 1981, March 1982, April 1983, April 1984, May 1985 and May 1986.

Fuel pricing for this survey was carried out in various communities around Newfoundland and Labrador by staff in district offices of the Departments of Social Services and Finance, and Consumer Affairs Division. The prices were collected during the week of May 25-29, 1987.

This report deals with prices and consumption of furnace oil and stove oil, diesel, gasoline and electricity. Information concerning prices is in Section 1 while information concerning consumption and related cost is in Section 2.

Additional information and detail is available upon request from the Newfoundland Statistics Agency, 3rd. Floor, Confederation Building, St. John's (576-2913).

SECTION I

Prices

FUEL OIL

The pricing of furnace oil and stove oil was carried out in fifty-three communities in Newfoundland and Labrador. In the larger urban centers, at least five prices were obtained while prices from all distributors were sought in the smaller communities.

The interviewers were asked to include all charges such as municipal tax, cartage charge, etc., so that the actual selling price to the consumer would be obtained. The average price of furnace oil and of stove oil was then calculated for each community.

FURNACE OIL

The average price of furnace oil in May 1987 was 32.3 cents per litre (Table 1) a decrease of 8.2 percent from May of 1986. The highest average prices were paid by the residents of Labrador at 35.7 cents per litre or 10.5 percent higher than the provincial average.

TABLE I

Weighted Average Price* of Furnace Oil
Newfoundland & Labrador
May 1986 and May 1987

Census Divisions**	May 1986	May 1987	Percentage Change 1986-1987
1. Avalon Peninsula	35.2	32.0	-9.1
2. Burin Peninsula	34.6	32.2	-6.9
3. South Coast	36.5	32.7	-10.4
4. St. George's	33.5	32.0	-4.5
5. Humber District	35.9	32.1	-10.6
6. Central Newfoundland	34.5	32.4	-6.1
7. Bonavista/Trinity	34.9	32.3	-7.4
8. Notre Dame Bay	33.2	32.0	-3.6
9. Northern Peninsula	36.1	32.0	-11.4
10. Labrador	40.6	35.7	-12.1
Island Average	35.0	32.3	-7.7
Provincial Average	35.2	32.3	-8.2

* These figures do not represent the arithmetic mean of communities sampled in each division. These statistics represent adjusted average based on the population counts of 1981 Census.

** Appendix I presents a map showing the boundaries of the provincial census divisions.

Prices for furnace oil in most communities in the province were between 31.5 and 33.1 cents per litre. There were a number of communities on the South Coast, Notre Dame Bay, the Northern Peninsula, and in Labrador where prices were higher than 33.1 cents per litre. The highest price of 37.4 cents per litre, in Happy Valley/Goose Bay was 15.8 percent higher than the provincial average. The Community of Englee recorded the lowest price of 29.5 cents per litre. (Appendix VII)

Almost all of the price decreases for the period May 1986 to May 1987 were in the range of 3 to 12 percent. Communities substantially outside this range were Happy Valley-Goose Bay and Englee with decreases of 18.9 and 22.6 percent respectively and Fogo with an increase of 6.5 percent.

Since the first survey in September 1975 furnace oil prices in the province had increased by more than four times from 10.1 cents per litre to 40.8 in 1985. This year the provincial average was 32.3 cents per litre, still over 200% higher than the 1975 price.

STOVE OIL

The provincial average price of stove oil was 35.0 cents per litre (Table II) a decrease of 6.9 percent from May 1986. The lowest prices of stove oil were experienced by residents of the Burin Peninsula who paid an average of 34.1 cents per litre while the highest price was in Labrador* at 43.0 cents per litre.

TABLE II

Weighted Average Price of Stove Oil
Newfoundland & Labrador
May 1986 and May 1987

Census Divisions	May 1986	May 1987	Percent Increase 1986-1987
1. Avalon Peninsula	37.4	34.8	-7.0
2. Burin Peninsula	36.8	34.1	-7.3
3. South Coast	38.6	35.3	-8.5
4. St. George's	36.4	34.5	-5.2
5. Humber District	37.9	34.3	-9.5
6. Central Newfoundland	37.1	34.7	-6.5
7. Bonavista/Trinity	37.0	34.6	-6.5
8. Notre Dame Bay	35.7	34.5	-3.4
9. Northern Peninsula	38.7	35.7	-7.8
10. Labrador*	46.0	43.0	-6.5
Island Average	37.4	34.7	-7.2
Provincial Average	37.6	35.0	-6.9

* Includes pricing in Happy Valley/Goose Bay and the coastal communities only. Both multipurpose fuel and stove oil are used in the coastal communities.

On the Island, stove oil prices ranged from 31.1 cents per litre in Seldom and Musgrave Harbour to 37.4 cents per litre in Change Islands. (Appendix IV). In Labrador multipurpose fuel at Port Hope Simpson was the highest price at 48.2 cents per litre or 37.7 percent higher than the provincial average.

GASOLINE

The price to the consumer (price at the pumps) for regular leaded and unleaded gasoline was obtained from service stations throughout the province. If gasoline was not sold in a particular community then the price was obtained from the community where the majority of residents purchased their gasoline.

Using the 1981 Census population counts, weighted averages were calculated to determine the price of a litre of gasoline for census divisions.

REGULAR LEADED GASOLINE

In May 1987 the provincial average price of regular leaded gasoline was 56.1 cents per litre compared with 56.6 cents per litre in May 1986, a decrease of 0.9 percent.(Table III)

The residents of Labrador paid the highest prices, an average of 61.3 cents per litre or 9.3 percent higher than the provincial average, while residents of Central Newfoundland and the Humber District paid 55.0 cents per litre, 2.0 percent lower than the provincial average.

The price of regular leaded gasoline peaked in 1985 when the provincial average was 61.2 cents per litre. However, in the past two years the price has dropped to 56.1 cents. Even with this substantial

TABLE III

Weighted Average Price of Regular Leaded Gasoline at Service Stations
Newfoundland & Labrador
May 1986 and May 1987

Census Divisions	May 1986	May 1987	Percentage Change 1986-1987
1. Avalon Peninsula	55.8	55.4	-0.7
2. Burin Peninsula	57.6	56.1	-2.6
3. South Coast	57.3	57.9	1.0
4. St. George's	56.4	55.1	-2.3
5. Humber District	55.9	55.0	-1.6
6. Central Newfoundland	55.3	55.0	-0.5
7. Bonavista/Trinity	57.0	56.1	-1.6
8. Notre Dame Bay	57.5	56.5	-1.7
9. Northern Peninsula	58.6	58.0	-1.0
10. Labrador	60.7	61.3	1.0
Island Average	56.4	55.6	-1.4
Provincial Average	56.6	56.1	-0.9

decrease, the average price of regular gasoline remains 130.9% higher than it was in 1977 when the first survey of gasoline prices was conducted. Increases across the province, 1977 to 1987 ranged from 125.8% in St. Georges to 139.5% in Labrador (Appendix V).

The price per litre of regular leaded gasoline ranged from 52.7 cents in Victoria which is 6.1% lower than the provincial average to a high of 71 cents in Mary's Harbour and Port Hope Simpson, 26.6% higher than the provincial average. Of the urban centres priced, Stephenville had the lowest price at 53.9 cents per litre and Happy Valley/Goose Bay topped the scale with a price of 59.8 cents.(Appendix VI)

REGULAR UNLEADED GASOLINE

The provincial average price of regular unleaded gasoline was 58.3 cents per litre, a decrease of 1.4 percent from last year. Division 4 (St.George's) had the lowest average price at 56.8 cents per litre, which was 2.6 percent lower than the provincial average. The highest average price was 62.1 cents per litre in Division 10 (Labrador), which was 6.5 percent higher than the provincial average. (Table IV)

Notre Dame Bay experienced an increase of 1.4 percent while St. George's saw the largest decrease of 3.2 percent.

TABLE IV

Weighted Average Price of Regular Unleaded Gasoline at Service Stations Newfoundland & Labrador May 1986 and May 1987

Census Divisions	May 1986	May 1987	Percentage Change 1986-1987
1. Avalon Peninsula	57.8	57.7	-0.2
2. Burin Peninsula	59.8	58.0	-3.0
3. South Coast	59.2	59.7	0.8
4. St. George's	58.7	56.8	-3.2
5. Humber District	58.4	57.8	-1.0
6. Central Newfoundland	58.1	57.8	-0.5
7. Bonavista/Trinity	58.7	58.5	-0.3
8. Notre Dame Bay	58.1	58.9	1.4
9. Northern Peninsula	60.6	59.8	-1.3
10. Labrador	61.8	62.1	0.5
Island Average	58.8	58.0	-1.4
Provincial Average	59.1	58.3	-1.4

The price of unleaded gasoline ranged from a low of 55.6 cents per litre in the communities of Stephenville and Kippens to a high of 66.2 cents per litre in Port Hope Simpson.

In twelve of the larger centres of the province, consumers can save money on their purchases of gasoline by visiting self-serve stations. Consumers in Kelligrews had the greatest savings on both regular leaded and regular unleaded gasoline at 4.2 and 3.7 cents a litre respectively.

TABLE V

Price per Litre of Gasoline
Self-Serve and Full-Service Stations
Newfoundland & Labrador
May 25-29, 1987

Community	Regular Leaded			Regular Unleaded		
	Self-Serve	Full Service (¢/litre)	Differ.	Self-Serve	Full Service (¢/litre)	Differ.
St. John's	52.2	54.6	2.4	55.1	57.8	2.7
Kelligrews	51.9	56.1	4.2	54.6	58.3	3.7
Harbour Grace	53.2	54.2	1.0	55.2	56.2	1.0
Stephenville	52.2	53.9	1.7	53.8	55.6	1.8
Kippens	52.2	53.9	1.7	53.8	55.6	1.8
Corner Brook	52.8	54.8	2.0	55.9	57.8	1.9
Deer Lake	52.8	54.7	1.9	55.7	57.9	2.2
Steady Brook	52.8	54.8	2.0	55.4	-	-
Gander	53.6	54.6	1.0	56.3	57.3	1.0
Grand Falls/ Windsor	53.6	54.6	1.0	56.3	57.5	1.2
Lewisporte	53.6	55.2	1.6	56.3	58.6	2.5
St. Anthony	56.7	57.7	1.0	58.7	59.7	1.0

DIESEL

Diesel fuel for motor vehicles was priced again during this survey, however it was only available in about half of the communities surveyed.

The Island average price in May 1987 of diesel fuel was 57.8 cents per litre or 10.2 percent lower than the price in May, 1986. The lowest average price in the province was 55.6 cents per litre, in Division 4 (St. Georges) 3.8 percent lower than the Island average. The highest average price in the province was in Division 10 (Labrador) at 63.5 cents a litre.(Table VI)

In the communities surveyed the price of a litre of diesel fuel varied from 52.1 cents per litre in Milltown to 70.1 cents per litre in Nain, a difference of 18.0 cents per litre (Appendix VIII).

TABLE VI

Weighted Average Cost of Diesel Fuel at Service Stations
Newfoundland & Labrador
May 1986 and May 1987

Census Divisions	Price May 1986	Price May 1987	Percentage Change 1986-1987
1. Avalon Peninsula	65.8	58.1	-11.7
2. Burin Peninsula	-	-	-
3. South Coast	63.8	-	-
4. St. George's	64.8	55.6	-14.2
5. Humber District	65.8	-	-
6. Central Newfoundland	64.8	58.2	-10.2
7. Bonavista/Trinity	66.7	61.9	-7.2
8. Notre Dame Bay	56.6	56.5	-0.2
9. Northern Peninsula	65.6	59.7	-9.0
10. Labrador	-	63.5	-
Island Average	64.4	57.8	-10.2

ELECTRICITY

The price of electricity for regular domestic customers remained the same from April 1986 to April 1987. It marks the first time since April 1975 that there was no change in the cost of electricity. Prices had increased steadily from 1975 to 1985 but 1986 showed a slight decrease due to the elimination of the fuel adjustment charge.

TABLE VII

Increasing Cost of Electricity
For Regular Domestic Customers
(Based on Domestic Bill of 575 Kwh/month)
April 1975 = 100

Date[1]	Index
1975	100.0
1976	120.4
1977	145.1
1978[2]	156.3
1979	177.6
1980	206.1
1981	214.0
1982	250.2
1983	254.0
1984	279.8
1985	318.7
1986[3]	317.4
1987	317.4

---

1 April of each year.

2 Retail Sales Tax of 10% dropped from electricity.

3 Fuel Adjustment Charge dropped as of January 1, 1986.

TABLE VIII

Increasing Price of Electricity
For Domestic All-Electric Customers
(Based on Annual Bill for 20,000 Kwh/Year)
April 1975 = 100

Date[1]	Index[2]
1975	100.0
1976	119.6
1977	134.7
1978[3]	148.7
1979	169.7
1980	205.6
1981	211.1
1982	268.3
1983	272.8
1984	299.1
1985	347.5
1986[4]	342.9
1987	342.9

1 April of each year.

2 Fuel Adjustment charges are included.

3 Retail sales tax of 10% dropped from electricity.

4 Fuel adjustment charge dropped as of January 1, 1986.

The annual cost of electricity for domestic all-electric customers has followed the same path as that of regular domestic users. Since April 1975 rates have increased by 243%.

Customers of the Power Distribution District who are serviced by diesel generating stations in remote areas of the province are subject to an inclining block structure where the price per Kwh increases as consumption increases (See Appendix X, page 67).

TABLE IX

Monthly Cost of Electricity for Diesel and Newfoundland Light & Power Regular Domestic Customers (Based on Consumption of 575 Kwh/Month)

Date	Diesel	Newfoundland Light & Power	% Difference
1975	15.50	13.96	11.0
1976	21.11	17.86	18.2
1977	21.87	18.63	17.4
1978	23.81	21.71	9.7
1979	26.85	24.67	8.8
1980	30.95	28.63	8.1
1981	31.65	29.72	6.5
1982	36.99	34.75	6.4
1983	37.80	35.28	7.1
1984	41.52	38.86	6.8
1985	46.22	44.27	4.4
1986	46.02	44.08	4.4
1987	44.08	44.08	-

1 April of each year.

As can be seen from Table IX regular domestic customers of diesel power have consistently paid more for electricity, though since 1978 this gap has narrowed. In April 1987 they paid the same for electricity as the Newfoundland Light & Power Company customers.

SECTION II

Consumption and Related Cost

CONSUMPTION

FURNACE OIL

The volume of furnace oil required to heat a dwelling depends on many variables, such as: the age of the structure, insulation, and geographic area. Since 1975 the distributors in the St. John's area have been visited a number of times in order to gather information to determine average consumption. These studies have shown that the average household consumption* of furnace oil has declined by almost forty percent from 1975 to 1986, with most of the drop occurring between 1975 and 1982.

TABLE X

Furnace Oil Consumption St. John's
1975, 1979 to 1986

Year	Degree Days[1]	Consumption (litres)	Normalized Consumption[2] (litres)
1975	5,090.4	5,455	5,170
1979	4,641.8	4,146	4,310
1980	5,094.8	4,247	4,022
1981	4,428.7	3,389	3,692
1982	5,031.2	3,591	3,443
1983	4,601.4	3,448	3,615
1984	4,740.2	3,430	3,491
1985	5,230.7	3,620	3,339
1986	5,027.4	3,457	3,317

1 Degree days is the difference of the daily mean temperature from 18° which is a heating degree standard. For example, if the daily mean temperature on a given day in January is 1°C then 17 degree day units are required to attain the standard of 18°C.

2 Normal degree days for the St. John's area are, 4,824.4. Consumption figures are adjusted to this.

* The actual consumption is adjusted to take into account the severity of the heating season. The adjusted figures are referred to as normalized consumption. This is necessary because a given winter can be warmer or colder than normal, in this case 1984 was warmer than usual while 1985 was colder.

The consumption figures have been adjusted to take into account the severity of the heating season by using normal degree days (which is the average over a thirty year period). In reports prior to 1983 the degree days were based on the period between 1940 and 1970, however normal degree days for the period 1951 to 1981 are now available. Since estimated consumption is now based on new normal degree days these estimates should not be compared to consumption estimates in reports previous to 1983.

Table XI shows estimated annual consumption and cost of heating a house in various areas on the Island (for Labrador see Table XIII). Based on the price in May, 1987 the average cost to heat a home with furnace oil on the Island would be $1,094 a year. This is an 8.3% decrease from last years cost of $1,193.

TABLE XI

Estimated Furnace Oil Consumption (Normalized)*
and Cost for Newfoundland Census Divisions
May 1987

Census Divisions	Consumption (litres)	Price Per Litre (¢)	Annual Cost ($)
1. Avalon Peninsula	3,317	32.0	1,061
2. Burin Peninsula	3,209	32.2	1,033
3. South Coast	3,412	32.7	1,116
4. St. George's	3,313	32.0	1,060
5. Humber District	3,306	32.1	1,061
6. Central Newfoundland	3,466	32.4	1,123
7. Bonavista/Trinity	3,419	32.3	1,104
8. Notre Dame Bay	3,567	32.0	1,141
9. Northern Peninsula	3,945	32.0	1,262
Island Weighted Average	3,386	32.3	1,094

* The consumption patterns for St. John's were adjusted for temperature differences throughout the province to arrive at the census divisions estimates. For details of the method used see Annual Cost of Fuel and Utilities 1980.

Unlike last year, there was very little difference in the price of furnace oil around the province in 1986-87. However, consumers on the Northern Peninsula still paid more to heat their homes because they required 17% more fuel during the year (over the Island average). Residents of the Burin Peninsula had the lowest yearly heating costs at $1033.

CONSUMPTION

STOVE OIL

Information on average use was gathered from the distributors of stove oil in 1975 and 1979. Since 1979 the records are no longer available and consumption of stove oil has been changed by the same percentage as furnace oil. Based on this information consumption of stove oil is estimated to have decreased by 28% since 1975.

TABLE XII

Stove Oil Consumption, St. John's
1975, 1979 to 1986

Year	Degree Days	Consumption (litres)	Normalized Consumption (litres)
1975	5,090.4	4,091.5	3,878
1979	4,641.1	3,636.9	3,781
1980	5,094.8	3,724.2	3,527
1981	4,428.7	2,972.8	3,238
1982	5,031.2	3,150.0	3,021
1983	4,601.4	3,024.6	3,171
1984	4,740.2	3,008.8	3,062
1985	5,230.7	3,175.4	2,929
1986	5,027.4	3,032.0	2,910

The annual average cost of the users of stove oil was estimated to be $1031. As for furnace oil, the Northern Peninsula was the most expensive area on the Island with an annual cost of $1,262, 15% higher than the Island average. This is mainly because of climatic conditions.

TABLE XIII

Estimated Stove Oil Consumption*
and Costs for Newfoundland Census Divisions
May 1987

Census Divisions	Consumption (litres)	Price Per Litre (¢)	Annual Costs ($)
1. Avalon Peninsula	2,910	34.8	1,013
2. Burin Peninsula	2,815	34.1	960
3. South Coast	2,993	35.3	1,057
4. St. George's	2,906	34.5	1,003
5. Humber District	2,000	34.3	995
6. Central Newfoundland	3,040	34.7	1,055
7. Bonavista/Trinity	2,999	34.6	1,038
8. Notre Dame Bay	3,129	34.5	1,080
9. Northern Peninsula	3,461	35.7	1,236
Island Weighted Average	2,970	34.7	1,031

* Normalized consumption was estimated for census divisions based on their degree day variation.

LABRADOR CONSUMPTION

Consumption of furnace oil and stove oil in Labrador is based on consumption in St. John's adjusted for the difference in degree days. Estimates of cost for furnace oil are given for the communities of Happy Valley/Goose Bay and Labrador City/Wabush, while the cost of stove oil is given for coastal communities. Furnace oil is only available in the two urban centres while stove oil is available in the coastal communities.

FURNACE OIL

In 1986 the estimated annual consumption of furnace oil in Labrador was 5,169 litres. Since these consumption figures are based on new normal degree days, estimates of consumption in this report should not be compared with consumption estimates published previously.

The annual cost of furnace oil in Labrador* is $751 more than the Island average cost. This 69% difference is due to the colder weather and higher prices in Labrador. It is estimated that residents of Happy Valley/Goose Bay and Labrador City/Wabush require 53% more furnace oil because of the severeness of the weather.

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* Includes Labrador City/Wabush and Happy Valley/Goose Bay only.

TABLE XIV

Estimated Annual Consumption of Furnace Oil
in Happy Valley/Goose Bay and Labrador City/Wabush
and Associated Costs, May 1986

	Consumption 1986 (litres)	Price Per Litre (¢)	Annual Cost ($)
Labrador City/Wabush	5,465	35.0	1,913
Happy Valley/Goose Bay	4,534	37.4	1,696
Labrador*	5,169	35.7	1,845
Island Average	3,386	32.3	1,094

* Based on weighted average price in Labrador City/Wabush and Happy Valley/Goose Bay only.

STOVE OIL

Multipurpose fuel, which is very similar to stove oil, was the only fuel oil available in the northern and southern coastal communities of Labrador. Its price was used in compiling the tables on the cost of stove oil.

The annual cost in the coastal communities is 74.3% higher than the Island average which is attributable to the fact that they consume an average of 46.1% more stove oil than the Island, and the price is 36% higher than on the Island.

TABLE XV

Estimated Consumption of Stove Oil (Normalized) in the Coastal Communities of Labrador and Associated Costs, May 1987

	Consumption 1986 (litres)	Price Per Litre (¢)	Annual Cost ($)
Coastal Communities	4,340	47.2	2,048
Island Average	2,970	34.7	1,031

CONSUMPTION ELECTRICITY

Average consumption for regular domestic customers of Newfoundland Light & Power Co. Ltd. fluctuated from 1974 to 1979, however, since 1980 consumption has been increasing. From 1974 to 1986 consumption increased approximately 26%. In 1986 there was an increase of 9 Kwh/month or 1.4% over 1985 consumption levels.

TABLE XVI

Monthly Consumption of Electricity
For Regular Domestic Customers

Year	Consumption (Kwh/month)	Increase From Previous Year (%)
1974	523	-
1975	569	8.8
1976	579	1.8
1977	567	-2.1
1978	568	0.2
1979	566	-0.4
1980	583	3.0
1981	585	0.3
1982	610	4.3
1983	616	1.0
1984	632	2.6
1985	652	3.2
1986	661	1.4

SOURCE: Newfoundland Light & Power Co. Ltd.

In April of 1987 a customer with a usage of 661 killowatt hours paid $49.33. This was an increase in cost of 1.1% from April 1986 and over three and a half times as high as the cost in 1975.

TABLE XVII

Monthly Cost* of Electricity
For Regular Domestic Customers

Date**	Cost ($)	Increase from Previous Year (%)
1975	13.09	-
1976	17.73	35.4
1977	18.72	5.6
1978	21.52	15.0
1979	24.48	13.8
1980	28.33	15.7
1981	30.06	6.1
1982	35.23	17.2
1983	36.97	4.9
1984	41.03	11.0
1985	47.81	16.5
1986	48.78	2.0
1987	49.33	1.1

* Consumption for 1974 to 1985 is used to obtain costs in April 1975 - April 1987 respectively.

** April of each year.

ALL-ELECTRIC

In 1974 domestic all-electric customers* were using an average of 25,011 kilowatt hours per year. From 1974 to 1976 consumption increased slightly but from 1977 to 1985 there was a steady decrease in the amount of electricity used. In 1986, the average consumption was 19,089 kwh, a 0.1% increase over 1985.

The increasing cost of energy is causing people to conserve and to turn to other sources of supplementary heating. From 1975 to 1986 consumption of electricity decreased by 23.7% while the consumption of furnace oil dropped by 47%. However, the percentage of households using wood as a primary source of heating jumped from under 5 percent in 1975 to approximately 29.1 percent, in 1986.

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* Domestic All-Electric customers are those households who use electricity for heating their dwellings.

SOURCE: Statistics Canada, Cat. 64-202, Household Utilities and Equipment.

TABLE XVIII

Estimated Annual Consumption of Electricity
For Domestic All-Electric Customers
1974-1986

Year	Annual Consumption (Kwh)	Increase From Previous Year (%)
1974	25,011	-
1975	25,441	+1.7
1976	26,068	+2.5
1977	24,192	-7.2
1978	22,593	-6.6
1979	22,134	-2.0
1980	21,076	-4.8
1981	20,912	-0.8
1982	19,958	-4.6
1983	19,741	-1.1
1984	19,525	-1.1
1985	19,064	-2.4
1986	19,089	0.1

* These statistics have been adjusted for degree day variation.

While the annual consumption of all-electric customers has been decreasing since 1976 the annual cost has been increasing. The annual cost for households based on the rate structure in effect in April 1987 is $1,272.84 an increase of 0.1% from April 1986. Since there was no change in electricity rates last year, this slight increase is a result of the rise in the average annual consumption in 1986.

Since 1975, the annual cost has risen by approximately 170% while consumption has dropped by about 24%.

TABLE XIX

Estimated Annual Cost of Electricity
For Domestic All-Electric Customers
April 1975 - April 1987

Year	Annual Cost[1] ($)	Increase from Previous Year (%)
1975	471.24	-
1976	609.00	29.2
1977	659.64	8.3
1978	676.32	2.5
1979	723.76	7.8
1980	870.24	19.4
1981[2]	854.88	-1.8
1982	1,081.32	26.5
1983[2]	1,054.08	-2.5
1984[2]	1,144.20	8.5
1985	1,316.40	15.0
1986[2]	1,271.28	-3.4
1987	1,272.84	0.1

---

1 Costs are based on rates in April 1975 to April 1987. The consumption figures in the preceeding table are used to estimate annual cost, these figures do not represent increasing cost of electricity only, (see page 45 for increasing cost of electricity).

2 In each of the last 10 years, consumption for the all-electric customer decreased while electricity prices were increasing. In 1981, 1983, and 1986 for example, the effect of the decreased consumption was greater than the price increases and the average annual bill decreased by 1.8%, 2.5% and 3.4% respectively. In 1984 the drop in consumption was not sufficient to offset the price increase and the annual bill increased by 8.5%.

SUPPLEMENT

INTRODUCTION

This section presents indices that represent the increases in the costs of furnace oil, wholesale gasoline and domestic electricity for St. John's from January, 1970 to May, 1986.

1. FURNACE OIL PRICE INDEX, St. John's

The large distributing companies supplied the data for this table. The median cost of one litre of furnace oil to the consumer in January, 1970 was used as the base. This index includes the 2¢ per gallon St. John's municipal tax which was dropped in January 1982 and retail sales tax which was dropped in January of 1974.

2. WHOLESALE GASOLINE INDEX, St. John's

Two city distributors supplied the data for this index. It reflects the increase in the cost of a litre of regular leaded gasoline to the service stations. The difference between these prices and what the consumer pays is the dealer margin, which varies from station to station.

3. ELECTRICITY INDEX, St. John's

Newfoundland Light and Power Co. Ltd. supplied the data for this index. It is based on a monthly billing of 575 kilowatts and thus reflects the increase in the cost of electricity to regular domestic customers (no electric heating). The discount is included in the index

as is retail sales tax until it was dropped in March, 1978, and the fuel adjustment clause which was dropped in January, 1986.

Furnace Oil Price Index
St. John's
(January 1970 = 100)

Month	Year	Index
January	1970	100.0
October	1970	104.7
April	1971	117.3
February	1972	122.0
January	1973	131.3
May	1973	136.0
August	1973	144.0
November	1973	156.8
December	1973	171.1
January	1974[1]	160.5
May	1974	174.0
August	1974[2]	167.5
February	1975	173.6
March	1975	177.1
August	1975	198.1
May	1976	201.6
June	1976	202.4
August	1976	221.3
September	1976	222.1
March	1977	233.9
August	1977	247.9
December	1977	248.8
March	1978	266.3
August	1978	284.2
September	1978	283.3
December	1978	284.2
January	1979	288.6
February	1979	290.8
March	1979	294.3
April	1979	295.1
June	1979	299.5
August	1979	325.8
September	1979	326.2
October	1979	330.1
November	1979	331.0
December	1979	336.7
February	1980	337.1
March	1980	350.7
April	1980	352.9
July	1980	371.7
September	1980	405.5
October	1980	403.5
November	1980	415.4
January	1981	451.2
March	1981	491.0
April	1981	491.0
May	1981	505.0
June	1981	536.8
August	1981	566.7
November	1981	576.5

Furnace Oil Price Index (Cont'd)
St. John's
(January 1970 = 100)

Month	Year	Index
January	19823	568.6
March	1982	620.3
August	1982	668.0
January	1983	638.2
March	1983	701.8
July	1983	713.7
January	1984	729.6
February	1984	725.6
July	1984	743.5
November	1984	783.3
January	1985	803.2
February	1985	803.2
March	1985	803.2
April	1985	803.2
May	1985	803.2
June	1985	803.2
July	1985	805.2
August	1985	805.2
September	1985	803.2
October	1985	803.2
November	1985	817.1
December	1985	833.0
January	1986	835.0
February	1986	815.1
March	1986	793.2
April	1986	715.7
May	1986	675.9
June	1986	644.1
September	1986	604.4
October	1986	604.4
November	1986	636.2
December	1986	636.2
January	1987	636.2
February	1987	636.2
March	1987	636.2
April	1987	636.2
May	1987	636.2

---

1 7% retail sales tax dropped on fuel only.

2 Two companies dropped their "free burner service" and the result is the price per gallon dropped 1.5¢.

3 The municipal Tax of 2¢ per gallon was dropped.

Wholesale Gasoline Price Index (Regular Leaded)
St. John's
(January, 1970 = 100)

Month	Year	Index
January	1970	100.0
October	1970	102.1
April	1971	107.0
February	1972	109.1
January	1973	111.3
April	1973	113.4
August	1973	117.6
November	1973	122.3
December	1973	128.9
March	1974	127.8
May	1974	135.7
August	1974	137.2
March	1975	141.8
June	1975[1]	163.1
August	1975	175.8
April	1976[2]	178.8
August	1976	190.2
March	1977	197.2
August	1977	204.9
March	1978	213.0
August	1978[3]	210.6
September	1978	215.7
January	1979[4]	218.9
March	1979	221.0
August	1979	236.9
Janaury	1980	242.6
March	1980	249.2
April	1980	254.5
July	1980	263.5
September	1980	278.0
November	1980	284.7
January	1981	303.1
March	1981	322.4
April	1981[5]	327.2
May	1981	339.8
June	1981	356.2
August	1981	372.6
September	1981[6]	376.4
November	1981[7]	384.2
December	1981[8]	385.1
March	1982	411.2
May	1982[9]	417.0
July	1982[10]	418.0
August	1982	442.1
October	1982[11]	447.9
January	1983	431.5
February	1983[12]	428.6

Wholesale Gasoline Price Index (Regular Leaded) (Cont'd)
St. John's
(January, 1970 = 100)

Month	Year	Index
March	1983[13]	462.4
April	1983[14]	470.1
July	1983	481.7
August	1983[15]	482.6
November	1983[16]	483.6
December	1983	488.4
January	1984	491.3
February	1984[17]	492.3
May	1984	494.2
July	1984	501.9
August	1984[18]	503.9
October	1984	507.7
November	1984	528.0
December	1984[19]	531.9
January	1985	543.4
February	1985[20]	546.3
March	1985	546.3
April	1985	546.3
May	1985	546.3
June	1985	546.3
July[21]	1985	545.4
August	1985	545.4
September	1985	564.7
October[22]	1985	569.5
November	1985	574.3
December	1985	574.3
January	1986	579.2
February[23]	1986	568.5
March	1986	536.7
April[24]	1986	514.5
May[25]	1986	456.6
June	1986	445.0
July	1986	438.2
August	1986	432.4
September	1986	431.5
October	1986	430.5
November	1986	434.4
December	1986	433.4
January	1987	442.1
February	1987	446.0
March	1987	451.8
April	1987	450.5

1. 10¢ per gallon federal excise tax applied.
2. Provincial gasoline tax increased 2¢ per gallon to 27¢.

3. Federal excise tax reduced from 10 to 7¢ per gallon.
4. Provincial gasoline tax increased from 27 to 27.3¢ per gallon.
5. Provincial gasoline tax was changed from a fixed charge to percentage rates in April 1981. The new tax rate for gasoline is 22% of the average retail price before taxes, which meant an immediate increase from 6.0¢ per litre to 7.1¢ per litre.
6. Provincial gasoline tax increased from 7.1¢ per litre to 7.5¢ per litre.
7. Provincial gasoline tax increased from 7.5¢ per litre to 7.8¢ per litre.
8. Provincial gasoline tax increased from 7.8¢ per litre to 7.9¢ per litre.
9. Provincial gasoline tax increased from 7.9¢ per litre to 8.5¢ per litre.
10. Provincial gasoline tax increased from 8.5¢ per litre to 8.6¢ per litre.
11. Provincial gasoline tax increased from 8.6¢ per litre to 9.2¢ per litre.
12. Provincial gasoline tax decreased from 9.2¢ per litre to 8.9¢ per litre.
13. Provincial gasoline tax decreased from 8.9¢ per litre to 8.8¢ per litre.
14. Provincial gasoline tax increased from 8.8¢ per litre to 9.6¢ per litre.
15. Provincial gasoline tax increased from 9.6¢ per litre to 9.7¢ per litre.
16. Provincial gasoline tax increased from 9.7¢ per litre to 9.8¢ per litre.
17. Provincial gasoline tax increased from 9.8¢ per litre to 9.9¢ per litre.
18. Provincial gasoline tax increased from 9.9¢ per litre to 10.1¢ per litre.
19. Provincial gasoline tax increased from 10.1¢ per litre to 10.5¢ per litre.
20. Provincial gasoline tax increased from 10.5¢ per litre to 10.8¢ per litre.
21. Provincial gasoline tax decreased from 10.8¢ per litre to 10.7¢ per litre.
22. Provincial gasoline tax increased from 10.7¢ per litre to 11.1¢ per litre.
23. Provincial gasoline tax increased from 11.1¢ per litre to 11.7¢ per litre.
24. Provincial gasoline tax decreased from 11.7¢ per litre to 10.9¢ per litre.
25. Provincial gasoline tax decreased from 10.9¢ per litre to 9.9¢ per litre.
26. Provincial gasoline tax decreased from 9.9¢ per litre to 9.5¢ per liter.
27. Provincial gasoline tax decreased from 9.5¢ per litre to 9.4¢ per litre.

28. Provincial gasoline tax decreased from 9.4¢ per litre to 9.3¢ per litre.
29. Provincial gasoline tax decreased from 9.3¢ per litre to 9.2¢ per litre.
30. Provinical gasoline tax decreased from 9.2¢ per litre to 9.8¢ per litre.

WHOLESALE GASOLINE PRICE INDEX

(Median Price of One Litre of Regular Gasoline)

ST. JOHN'S
JANUARY 1970 = 100

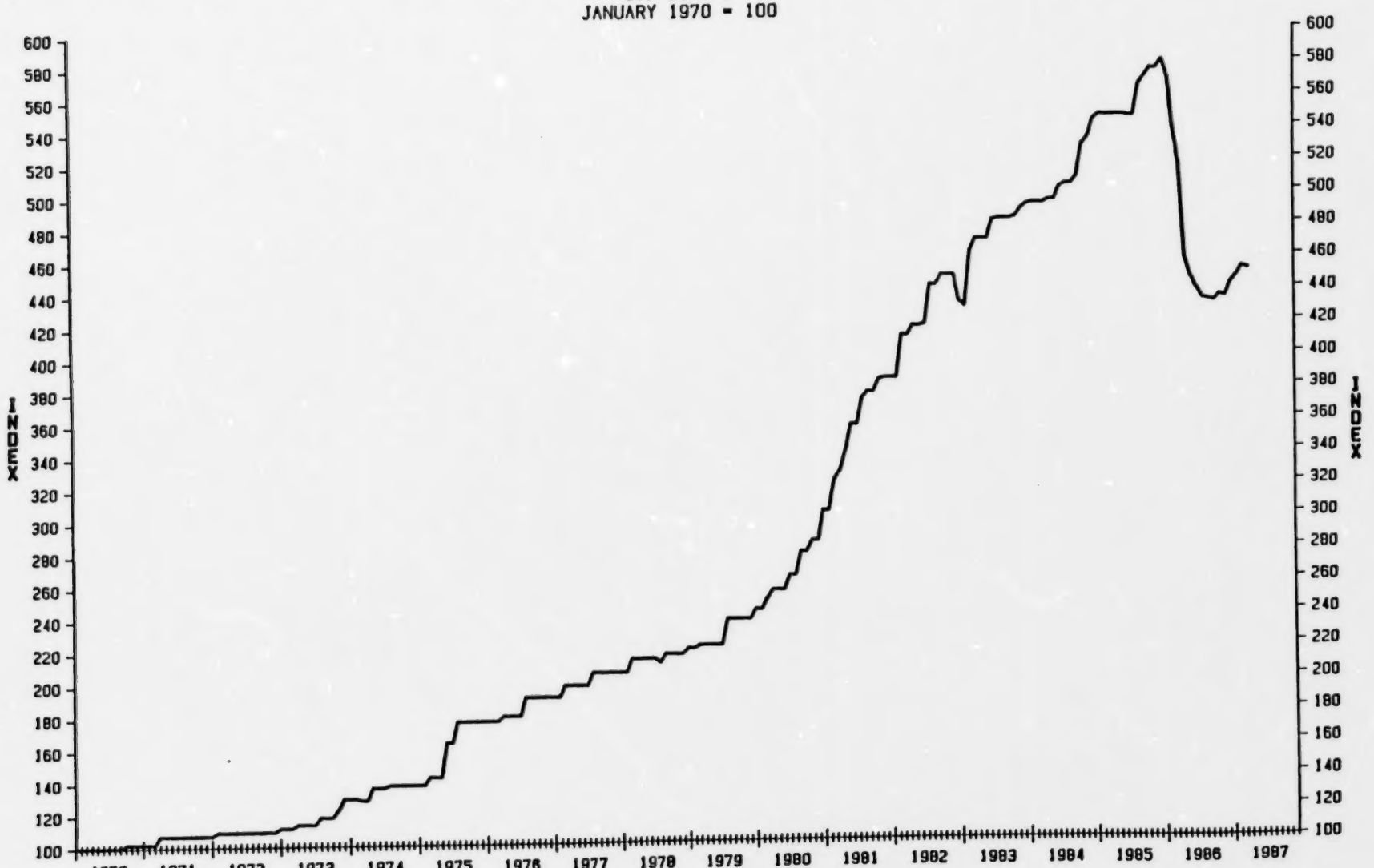


TABLE 1

Cost of Electricity Index
St. John's
(January 1970=100)

(Based on Domestic Bill 575 KWH/Month)

Month	Year	Cost	Index
January	1970	10.95	100.0
February	1974	11.96	109.2
April	1974[1]	12.08	110.3
April	1975	13.89	126.8
August	1975[2]	15.59	142.4
September	1975	15.86	144.8
October	1975[3]	16.20	147.9
November	1975[4]	16.73	152.8
August	1976	19.74	180.3
January	1977	19.78	180.6
July	1977	21.79	199.0
March	1978[5]	21.64	197.6
July	1978	23.53	214.9
October	1979	28.62	261.4
April	1980	28.63	261.5
September	1980	27.75	253.4
November	1980	28.58	261.0
October	1981	31.11	284.1
December	1981	32.16	293.7
January	1983	36.12	329.9
August	1983	36.99	337.8
January	1985	46.20	421.9
January	1986[6]	44.08	402.6
January	1987	44.08	402.6

1. Retail Sales tax increased from 7% to 8%.
2. Cost of service adjustment.
3. Fuel adjustment clause first applied in October 1975 and in effect since then. The first significant charges however did not come into effect until January, 1977.
4. Retail sales tax increased from 8% to 10%.
5. Retail sales tax of 10% dropped on electricity for domestic users in March 1978, also there was an interim rate increase of 8.3% during the month.
6. Fuel adjustment clause discontinued as of January 1, 1986.

COST OF ELECTRICITY INDEX

(Based on Net Bill for 575 Kwh per Month)

ST. JOHN'S
JANUARY 1970 = 100

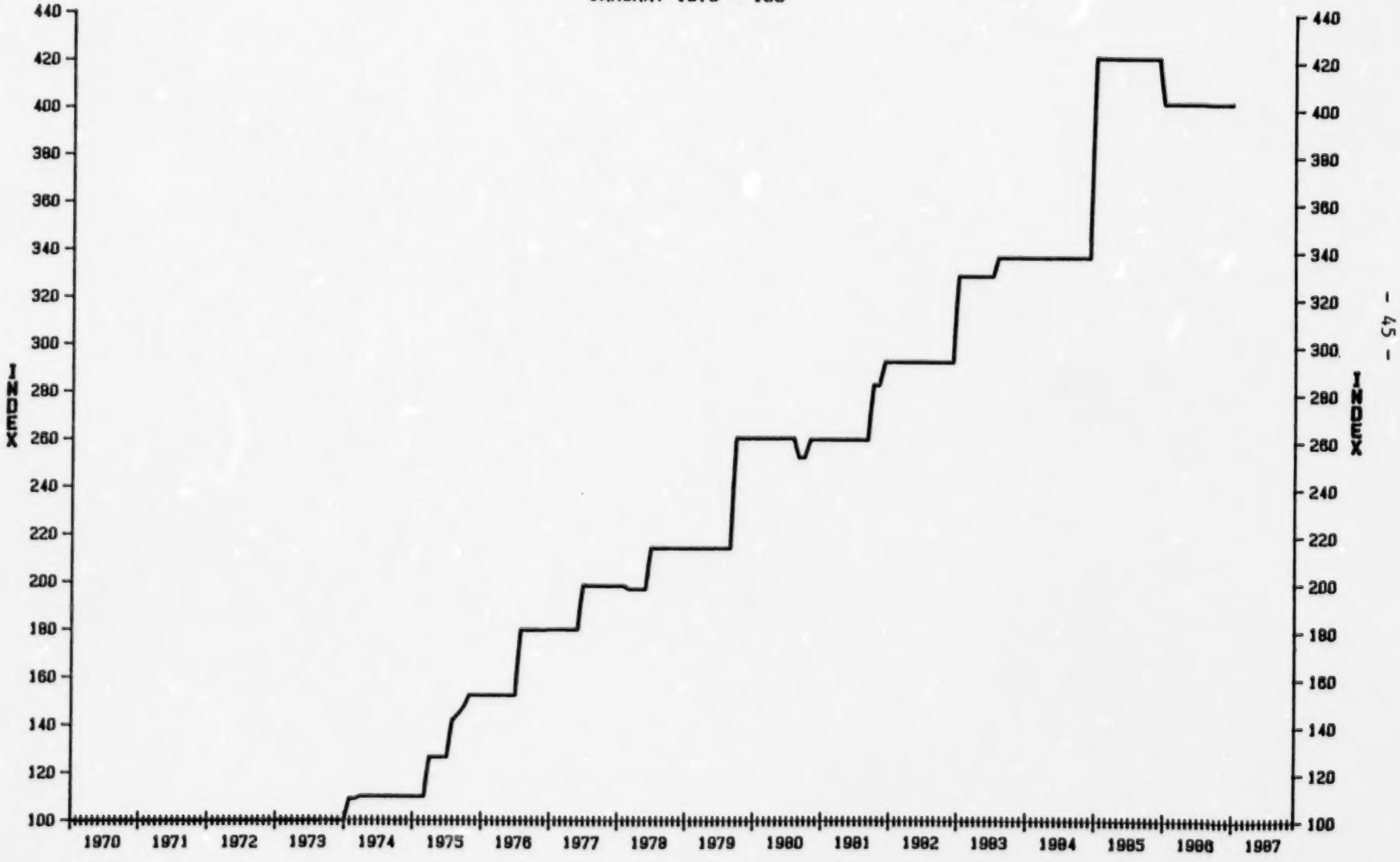


TABLE 2

Cost of Electricity Index
Domestic - All-Electric
St. John's (January, 1970=100)

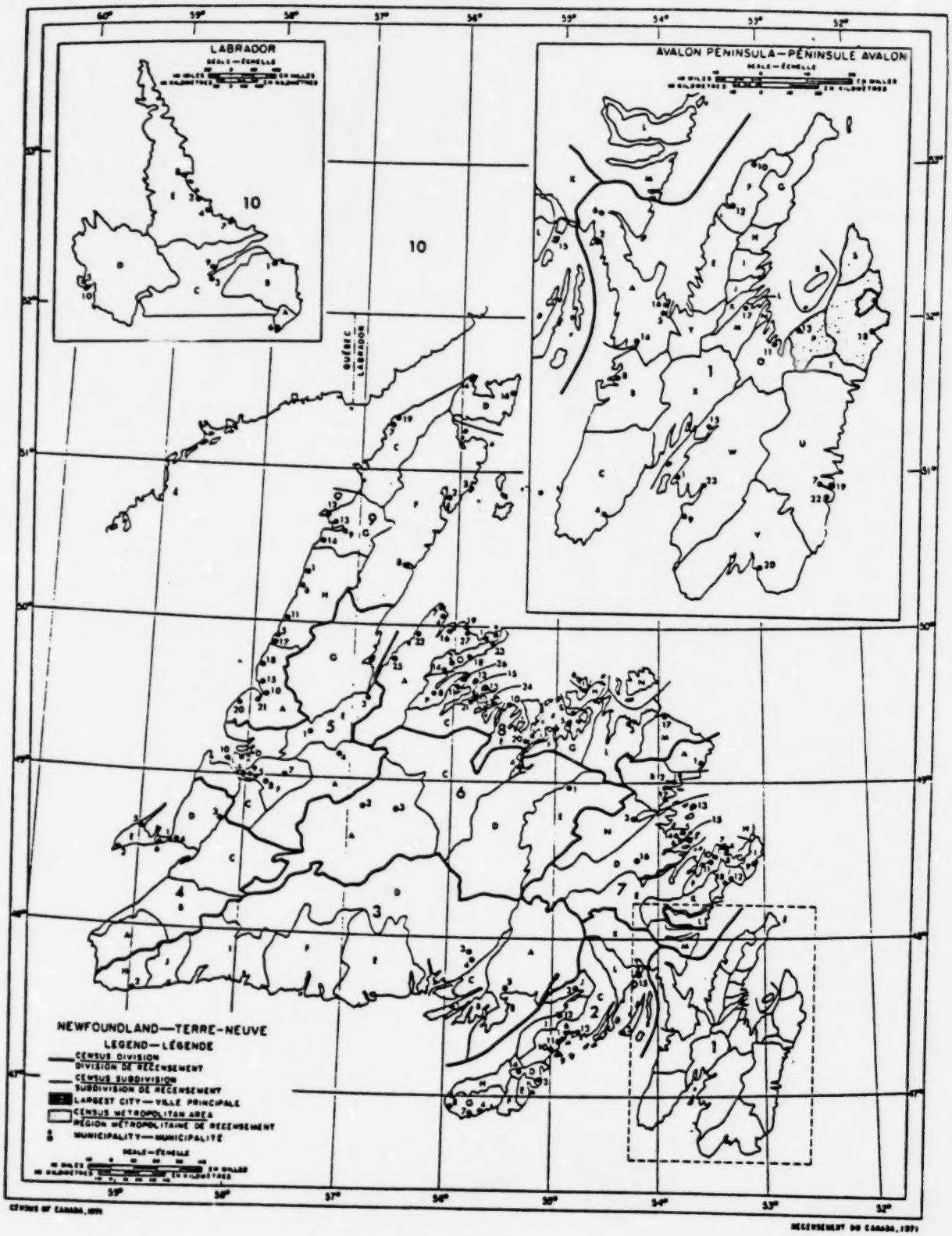
(Based on net annual bill for 20,000 kwh/hr)*

Month	Year	Rate Without Fuel Adjustment	Index	Rate With Fuel Adjustment	Index
January	1970	312.60	100.0	312.60	100.0
February	1974	344.75	110.3	344.75	110.3
April	1974[1]	347.98	111.3	347.98	111.3
April	1975	400.18	128.0	400.18	128.0
August	1975	431.16	137.9	431.16	137.9
September	1975[2]	438.96	140.4	438.96	140.4
October	1975[3]	446.88	143.0	449.04	143.6
November	1975[4]	463.32	148.2	463.32	148.2
August	1976	506.76	162.1	506.76	162.1
July	1977	569.18	182.1	572.28	183.1
March	1978	560.40	179.3	573.36	183.4
July	1978	616.08	197.1	617.52	197.5
October	1979	665.40	212.1	778.20	248.9
April	1980	735.36	235.2	796.32	254.7
September	1980	759.00	242.8	759.00	242.8
November	1980	777.72	248.8	777.72	248.8
October	1981	858.12	274.5	916.32	293.1
December	1981	925.20	296.0	948.96	303.6
January	1983	966.12	309.1	1,085.52	347.3
August	1983	1,046.16	334.7	1,092.96	349.6
January	1985	1,046.16	334.7	1,413.48	452.2
January	1986	1,328.40	425.0	1,328.40	425.0
January	1987	1,328.40	425.0	1,328.40	425.0

* Assumes that the rate during a particular month would apply all year.

1. Retail sales tax increased 7% to 8%.
2. Cost of service adjustment.
3. Fuel adjustment clause first applied in October 1975 and has been applied monthly since January 1977.
4. Retail Sales Tax increased from 8% to 10%.
5. Retail Sales Tax of 10% was dropped on electricity, there was also an interim rate increase of 8.3%.
6. Fuel adjustment clause discontinued as of January 1, 1986, an amount has been included in each energy block to replace it.

CENSUS MAP OF
NEWFOUNDLAND AND LABRADOR



Appendix II

Comparative Cost of Furnace Oil For
Census Divisions, 1975, 1977, 1980 to 1987

Census Divisions	1975	1977	1980	1981	1982	1983	1984	1985	1986	1987	Percent Increase 1975-1987
					(Cents per litre)						
1. Avalon Peninsula	10.1	12.4	17.8	24.5	31.3	35.7	36.9	40.7	35.2	32.0	216.8
2. Burin Peninsula	10.3	12.7	18.4	24.8	31.8	36.2	37.3	41.1	34.6	32.2	212.6
3. South Coast	10.0	12.9	18.6	25.3	33.2	37.4	38.3	41.6	36.5	32.7	227.0
4. St. George's	10.1	12.5	17.7	24.5	31.3	35.7	36.8	40.3	33.5	32.0	216.8
5. Humber District	9.6	12.1	17.6	24.4	31.4	35.7	36.9	40.5	35.9	32.1	234.4
6. Central Newfoundland	10.0	12.6	18.0	24.8	31.9	36.1	37.2	40.8	34.5	32.4	224.0
7. Bonavista/Trinity	10.1	12.5	18.3	24.7	31.8	36.1	37.3	40.9	34.9	32.3	219.8
8. Notre Dame Bay	10.7	13.2	18.4	25.4	32.4	36.6	38.5	41.3	33.2	32.0	199.1
9. Northern Peninsula	10.3	12.9	18.3	25.7	32.5	37.1	38.9	41.0	36.1	32.0	210.7
10. Labrador*	10.5	13.5	18.7	24.0	31.8	35.1	38.4	41.4	40.6	35.7	240.0
Provincial Average	10.1	12.6	18.1	24.7	31.7	36.0	37.4	40.8	35.2	32.3	219.8

* Includes Happy Valley/Goose Bay and Labrador City/Wabush only.

Actual Survey Periods were:
1975 - September 15
1977 - November 28 to December 2
1980 - April 7 to 11
1981 - April 13 to 14
1982 - March 22 to 26
1983 - April 26 to 29
1984 - April 24 to 27
1985 - May 27 to 31
1986 - May 26 to 30
1987 - May 25 to 29

Appendix III

Comparative Cost of a Litre of Furnace Oil for
Selected Communities of Newfoundland & Labrador
1975, 1977, 1980 to 1987

Community	1975	1977	1980	1981	1982	1983	1984	1985	1986	1987	Percent Increase 1986-1987	Percent Increase 1975-1987
				(Cents per litre)								
Division I - Avalon Peninsula												
St. John's	10.1	12.5	17.8	24.5	31.1	35.4	36.5	40.6	36.0	32.0	-11.1	216.8
Kelligrews	9.5	12.1	17.7	24.4	31.5	35.8	36.5	40.5	35.2	32.0	-9.1	236.8
Harbour Main	9.9	12.3	18.1	24.6	31.4	35.6	37.1	40.5	34.4	32.0	-7.0	223.2
Jerseyside	10.3	12.9	18.3	24.5	31.5	36.0	37.3	41.0	36.5	32.0	-12.3	210.7
Harbour Grace	10.0	12.5	17.9	24.5	31.4	35.7	37.1	40.4	34.1	31.5	-7.6	215.0
Victoria	10.0	12.5	18.0	24.5	31.4	35.7	37.1	40.4	34.1	31.5	-7.6	215.0
Arnold's Cove	10.1	12.6	18.3	24.7	31.5	35.9	36.9	41.0	35.2	32.0	-9.1	216.8
Green's Harbour	9.8	12.2	17.8	24.4	31.5	36.0	37.3	41.0	35.2	31.6	-10.2	222.4
Fermeuse	9.7	12.0	17.6	24.3	31.3	36.0	37.3	41.2	35.2	32.0	-10.2	229.9
Division II - Burin Peninsula												
Burin	10.3	12.6	18.4	24.8	31.8	36.3	37.5	41.2	34.7	32.3	-6.9	213.6
Fortune	10.3	13.0	18.7	-	31.9	36.3	37.3	40.8	34.7	32.3	-6.9	213.6
Garden Cove	9.9	12.4	18.1	24.7	31.5	35.7	37.0	41.0	34.4	32.0	-7.0	223.2
Epworth	9.9	12.6	18.4	24.8	31.8	36.3	37.4	41.2	34.7	32.3	-6.9	226.3
Division III - South Coast												
Port Aux Basques	9.9	12.4	18.2	24.6	31.8	35.9	37.1	41.0	35.0	34.1	-2.6	244.4
Ramea	9.7	13.4	19.5	26.1	35.1	39.0	40.1	42.5	38.2	34.1	-10.7	251.5
English Harbour West	11.8	13.1	18.2	25.5	33.4	38.1	38.1	41.6	37.1	31.5	-15.1	166.9
St. Veronica's	10.0	12.3	18.1	24.9	32.0	36.1	37.2	40.8	35.3	31.5	-10.8	215.0
Division IV - St. George's												
Kippens	10.1	12.4	17.8	24.5	31.1	35.2	36.5	40.1	33.6	31.6	-5.9	212.9
Stephenville Crossing	10.1	12.6	17.8	24.5	31.0	35.4	36.5	40.1	33.6	31.6	-5.9	212.9
Stephenville	-	12.4	17.8	24.5	31.1	35.2	36.5	40.1	33.6	31.6	-5.9	-

Appendix III (Cont'd)

Comparative Cost of a Litre of Furnace Oil for
Selected Communities of Newfoundland & Labrador
1975, 1977, 1980 to 1987

Community	1975	1977	1980	1981	1982	1983	1984	1985	1986	1987	Percent Increase 1986-1987	Percent Increase 1975-1987
Great Codroy	9.9	-	18.0	24.7	31.7	36.4	37.3	41.0	33.2	33.1	-.3	234.3
Port au Port	9.9	12.4	17.6	24.5	31.1	35.9	36.7	40.1	33.6	31.6	-5.9	219.2
Division V - Humber District												
Deer Lake	9.8	12.3	17.6	24.5	31.5	35.8	37.0	40.5	35.0	32.1	-8.3	227.6
Corner Brook	9.6	12.1	17.6	24.4	31.4	35.7	36.9	40.5	36.0	32.1	-10.8	234.4
Benoits Cove	9.6	12.1	17.6	24.4	31.4	35.7	36.9	40.5	36.0	32.1	-10.8	234.4
Steady Brook	9.6	12.1	17.6	24.4	31.4	35.7	36.9	40.5	36.0	32.1	-10.8	234.4
Halfway Point	9.6	12.1	17.6	24.4	31.4	35.7	36.9	40.5	36.0	32.1	-10.8	234.4
Division VI - Central Newfoundland												
Grand Falls/Windsor	9.9	12.6	17.9	24.8	31.9	36.1	37.2	40.8	34.8	32.4	-6.9	227.3
Gander	9.9	12.4	18.3	24.9	31.9	36.2	37.2	40.7	35.5	32.3	-9.0	226.3
Bishop's Falls	9.9	12.8	17.9	24.8	31.9	36.1	37.2	40.8	34.8	32.4	-6.9	227.3
Badger	9.9	12.8	17.9	24.8	31.9	36.0	37.2	40.8	34.7	32.4	-6.6	227.3
Buchan's Junction	10.3	12.3	18.1	25.1	32.1	36.2	37.5	40.8	35.0	32.4	-7.4	214.6
Glenwood	-	12.4	18.3	24.9	31.9	36.2	37.2	40.8	34.7	32.3	-6.9	-
Division VII - Bonavista/Trinity												
Catalina	10.0	12.5	18.1	24.8	31.9	36.2	37.5	40.9	34.8	32.0	-8.0	220.0
Glovertown	-	-	18.9	25.0	32.0	36.2	37.4	40.9	34.9	32.5	-6.9	-
Clarenville	10.1	12.6	18.1	24.5	31.5	35.8	37.0	41.0	34.4	32.0	-7.0	216.8
Newtown	10.3	12.7	18.6	24.8	32.0	36.4	37.5	40.8	35.5	33.1	-6.8	221.4
Lady Cove	9.9	12.6	18.1	24.5	31.5	35.8	37.0	41.0	34.4	32.0	-7.0	223.2
Division VIII - Notre Dame Bay												
Lewisporte	-	-	17.9	24.7	31.8	36.1	37.2	40.8	35.1	32.1	-8.5	-

Appendix III (Cont'd)

Comparative Cost of a Litre of Furnace Oil for Selected Communities of Newfoundland & Labrador 1975, 1977, 1980 to 1987

Community	1975	1977	1980	1981	1982	1983	1984	1985	1986	1987	Percent Increase 1986-1987	Percent Increase 1975-1987
Musgrave Harbour	10.8	13.4	18.3	25.0	32.0	36.4	37.6	41.4	35.1	29.6	-15.7	174.1
Fogo	10.3	12.7	17.9	24.8	31.9	36.0	36.9	40.5	31.0	33.0	6.5	220.4
Seldom	10.3	12.7	17.9	24.8	31.9	36.0	36.9	40.5	29.5	29.6	.3	187.4
Change Islands	11.4	13.7	19.5	26.5	33.5	37.8	39.3	42.7	34.7	34.3	-1.2	200.9
Division IX - Northern Peninsula												
Englee	10.4	12.6	18.0	26.9	31.9	36.1	37.8	41.5	38.1	29.5	-22.6	183.6
St. Anthony	10.3	12.7	18.1	24.9	31.6	36.1	37.2	39.6	33.6	31.2	-7.1	202.9
Sally's Cove	10.6	13.4	18.7	26.0	33.7	39.0	39.8	41.5	37.0	33.5	-9.5	216.0
Green Island Brook	10.4	12.7	18.2	25.2	32.1	36.4	-	41.1	35.6	32.7	-8.1	214.4
Division X - Labrador												
Labrador City/Wabush	10.9	13.5	18.8	24.8	31.8	34.1	37.5	40.9	38.1	35.0	-8.1	221.1
Happy Valley/Goose Bay	9.9	13.6	18.5	22.4	31.9	37.2	40.4	42.6	46.1	37.4	-18.9	277.8

Refer to Appendix II for actual survey periods.

Appendix IV

Comparative Cost of a Litre of Stove Oil
Selected Communities of Newfoundland & Labrador
May 26-30, 1986 and May 25-29, 1987

Community	1986 (¢/litre)	1987 (¢/litre)	% Increase
Division I - Avalon Peninsula			
St. John's	37.9	35.1	-7.4
Kelligrews	37.7	35.1	-6.9
Harbour Main	36.2	34.8	-3.9
Placentia	38.5	34.6	-10.1
Harbour Grace	37.2	34.8	-6.5
Victoria	37.2	34.8	-6.5
Arnold's Cove	37.1	33.9	-8.6
Green's Harbour	37.9	34.5	-9.0
Fermeuse	37.7	35.1	-6.9
Division II - Burin Peninsula			
Garden Cove	36.6	33.9	-7.4
Burin	36.8	34.2	-7.1
Epworth	36.8	34.2	-7.1
Fortune	36.8	33.9	-7.9
Division III - South Coast			
Channel Port Aux Basques	37.5	35.7	-4.8
Ramea	39.7	35.4	-10.8
English Harbour West	39.3	35.6	-9.4
Milltown	37.9	34.6	-8.7
Division IV - St. George's			
Stephenville	36.5	34.1	-6.6
Kippens	36.5	34.1	-6.6
Port au Port	36.5	34.1	-6.6
Stephenville Crossing	36.5	34.1	-6.6
Great Codroy	36.1	35.7	-1.1
Division V - Humber District			
Deer Lake	36.7	34.3	-6.5
Corner Brook	38.0	34.2	-10.0

Appendix IV (Cont'd)

Comparative Cost of a Litre of Stove Oil
Selected Communities of Newfoundland & Labrador
May 26-30, 1986 and May 25-29, 1987

Community	1986 (¢/litre)	1987 (¢/litre)	% Increase
Benoits Cove	38.0	34.7	-8.9
Steady Brook	38.0	34.2	-10.0
Halfway Point	38.0	34.7	-8.7
Division VI - Central Newfoundland			
Windsor/Grand Falls	36.9	35.0	-5.1
Bishop's Falls	36.9	35.0	-5.1
Badger	36.8	34.4	-6.5
Buchans Junction	38.1	35.5	-6.8
Gander	37.5	34.4	-8.3
Glenwood	36.8	34.4	-6.5
Division VII - Bonavista/Trinity			
Glovertown	37.0	35.0	-5.4
Catalina	36.4	33.9	-6.8
Clarenville	36.6	33.9	-7.4
Lady Cove	36.6	33.9	-7.4
Newtown	38.1	36.0	-5.5
Division VIII - Notre Dame Bay			
Lewisporte	38.2	34.8	-8.9
Musgrave Harbour	37.4	31.1	-6.8
Fogo	33.0	35.6	-7.9
Seldom	31.5	31.1	-1.3
Change Islands	37.8	37.4	-1.1
Division IX - Northern Peninsula			
Englee	39.8	35.9	-9.8
St. Anthony	37.4	35.6	-4.8
Sally's Cove	39.0	35.6	-8.7
Green Island Brook	38.6	35.8	-7.3

Appendix IV (Cont'd)

Comparative Cost of a Litre of Stove Oil
Selected Communities of Newfoundland & Labrador
May 26-30, 1986 and May 25-29, 1987

Community	1986 (¢/litre)	1987 (¢/litre)	% Increase
Division X - Labrador			
Labrador City/Wabush	36.1	-	-
Happy Valley/Goose Bay	47.6	37.4	-21.4
Cartwright*	52.7	46.7	-11.4
Mary's Harbour*	-	48.0	-
L'Anse Au Loup*	-	-	-
West St. Modeste	-	-	-
Red Bay	36.9	-	-
Forteau	36.5	-	-
Nain*	54.0	43.7	-19.1
Makkovik*	-	-	-
Port Hope Simpson*	-	48.2	-

* Along the coastal communities of Labrador multipurpose fuel is used, this is very similar to the petroleum product stove oil.

NOTE: Prices in this table represent the median price of unleaded gasoline paid by the consumer.

Appendix V

Comparative Cost of Regular Leaded Gasoline For Census Divisions, 1977, 1980 to 1987

Census Divisions	1977	1980	1981	1982	1983	1984	1985	1986	1987	Percent Increase 1977-1987
					(Cents per litre)					
1. Avalon Peninsula	24.2	30.1	38.4	48.5	54.0	55.8	61.0	55.8	55.4	128.9
2. Burin Peninsula	24.4	29.9	40.4	48.0	55.0	55.9	60.7	57.6	56.1	129.9
3. South Coast	24.5	29.3	37.8	49.7	55.7	57.1	62.0	57.3	57.9	135.5
4. St. George's	24.4	29.6	37.8	48.0	53.5	55.3	59.8	56.4	55.1	125.8
5. Humber District	23.6	29.9	37.9	48.2	54.4	55.4	60.5	55.9	55.0	133.1
6. Central Newfoundland	24.0	29.7	37.9	47.3	53.5	55.1	60.4	55.3	55.0	129.2
7. Bonavista/Trinity	24.1	29.8	38.5	48.3	54.7	56.1	61.3	57.0	56.1	132.8
8. Notre Dame Bay	24.7	29.8	38.8	47.1	55.1	57.4	62.3	57.5	56.5	128.7
9. Northern Peninsula	24.9	31.0	39.5	50.6	57.0	57.8	63.9	58.6	58.0	132.9
10. Labrador	25.6	30.9	38.2	49.3	55.3	59.1	61.2	60.7	61.3	139.5
Provincial Average	24.3	30.0	38.4	48.4	54.5	56.2	61.2	56.6	56.1	130.9

Refer to Appendix II for actual survey periods.

Appendix VI

Comparative Cost of a Litre of Regular Leaded Gasoline For
Selected Communities of Newfoundland & Labrador
1977, 1980 to 1987

Community	1977	1980	1981	1982	1983	1984	1985	1986	1987	Percent Increase 1986-1987	Percent Increase 1977-1987
Division I - Avalon Peninsula											
St. John's	23.7	29.4	37.6	47.8	53.3	54.8	59.5	55.7	54.6	-2.0	130.4
Kelligrews	22.0	28.9	37.4	46.7	53.9	55.8	60.8	52.9	56.1	- 6.0	155.0
Harbour Main	24.7	29.6	39.9	48.9	54.5	54.0	61.3	55.8	52.9	-5.2	141.2
Jerseyside	24.5	29.3	38.1	48.5	54.9	56.9	62.7	57.9	57.9	-	136.3
Harbour Grace	24.5	30.9	-	47.9	52.9	54.9	60.6	54.7	54.2	-.9	121.2
Victoria	24.4	32.9	-	49.9	53.1	55.9	60.2	54.4	52.7	-3.1	116.0
Arnold's Cove	25.0	31.1	38.2	48.1	54.4	56.5	62.6	56.3	55.4	-1.6	121.0
Green's Harbour	24.2	31.0	38.9	49.5	54.9	55.0	61.8	56.5	56.9	.7	135.1
Fermeuse	24.6	31.0	40.1	50.5	57.1	57.4	63.4	56.9	57.3	.7	132.9
Division II - Burin Peninsula											
Burin	24.6	30.0	40.9	48.3	55.7	57.0	62.7	57.9	54.6	-5.7	121.9
Fortune	24.6	29.7	-	47.2	53.9	54.4	57.5	57.5	57.2	-.5	132.5
Garden Cove	23.7	-	37.8	47.7	55.0	55.4	61.2	57.2	56.3	-1.6	132.6
Epworth	24.6	30.0	41.1	48.9	53.7	57.0	62.3	57.9	-	-	-
Division III - South Coast											
Port Aux Basques	24.8	29.8	38.3	49.0	55.8	56.9	62.1	56.8	56.1	-1.2	126.2
Ramea	24.2	28.2	36.4	50.4	56.0	57.6	62.9	59.0	59.1	.1	144.2
English Harbour West	24.6	29.7	38.9	49.3	55.7	57.3	62.4	58.1	57.8	-.5	138.8
St. Veronica's	24.7	30.1	38.5	50.0	54.9	56.5	59.9	54.5	57.9	6.2	134.4
Division IV - St. George's											
Kippens	23.2	29.3	37.9	47.5	52.2	53.7	56.9	54.8	53.9	-1.6	132.3
Stephenville Crossing	24.4	29.6	38.1	47.8	54.3	56.6	60.5	54.2	53.9	-.6	120.9
Stephenville	23.2	29.3	37.9	47.5	52.2	53.7	56.9	54.8	53.9	-1.6	132.3

Appendix VI (Cont'd)

Comparative Cost of a Litre of Regular Leaded Gasoline For
Selected Communities of Newfoundland & Labrador
1977, 1980 to 1987

Community	1977	1980	1981	1982	1983	1984	1985	1986	1987	Percent Increase 1986-1987	Percent Increase 1977-1987
Great Codroy	-	30.2	38.5	48.9	55.8	56.8	62.6	56.5	56.8	.5	-
Port au Port	25.5	29.9	37.5	47.9	52.9	54.9	61.6	59.6	55.8	-6.4	118.8
Division V - Humber District											
Deer Lake	24.6	29.9	38.9	49.7	54.6	56.3	61.0	55.1	54.7	-.7	122.4
Corner Brook	23.5	29.7	37.4	47.9	54.4	54.9	60.3	55.6	54.8	-1.4	133.2
Benoits Cove	23.9	30.4	39.7	49.4	55.2	57.0	60.9	55.9	55.0	-1.6	130.1
Steady Brook	23.5	29.9	37.4	47.9	53.3	54.9	59.9	56.6	54.8	-3.2	133.2
Halfway Point	23.3	30.2	38.0	48.3	54.9	56.3	61.4	56.5	55.9	-1.1	139.9
Division VI - Central Newfoundland											
Grand Falls/Windsor	23.9	29.2	37.4	46.6	53.1	54.7	60.3	55.1	54.6	-.9	128.5
Gander	23.7	29.6	37.4	47.4	53.5	55.2	60.3	55.1	54.6	-.9	130.4
Bishop's Falls	24.6	29.9	38.1	47.7	53.4	54.9	60.4	55.1	55.5	.7	125.6
Badger	24.3	30.2	38.8	47.5	53.7	55.4	60.2	55.8	54.9	-1.6	125.9
Buchan's Junction	24.4	31.0	39.7	50.0	54.1	55.8	61.1	56.5	58.0	2.7	137.7
Glenwood	24.2	29.5	38.2	47.7	54.1	55.5	61.8	55.6	55.4	-.4	128.9
Division VII - Bonavista/Trinity											
Catalina	24.6	30.2	39.1	48.5	54.8	56.0	61.5	54.8	55.2	.7	124.4
Glovertown	-	31.8	40.1	48.6	56.2	57.7	61.3	56.5	56.2	-.5	-
Clarenville	24.2	29.6	37.8	47.6	53.8	55.7	61.2	55.9	55.2	-1.3	128.1
Newtown	24.2	29.4	38.1	48.3	55.4	-	61.9	57.7	57.6	-.2	138.1
Lady Cove	23.7	29.6	37.8	48.0	53.8	56.2	60.8	8.2	55.9	-	-
Division VIII - Notre Dame Bay											
Musgrave Harbour	24.8	30.8	39.1	48.0	54.4	56.3	60.9	57.6	58.7	1.9	136.7

Appendix VI (Cont'd)

Comparative Cost of a Litre of Regular Leaded Gasoline For
Selected Communities of Newfoundland & Labrador
1977, 1980 to 1987

Community	1977	1980	1981	1982	1983	1984	1985	1986	1987	Percent Increase 1986-1987	Percent Increase 1977-1987
Fogo	24.4	27.7	37.8	44.7	55.0	56.9	61.6	56.9	56.9	-	133.2
Seldom	24.4	27.7	37.8	44.7	55.0	57.4	62.6	59.9	56.3	-6.0	130.7
Lewisporte	-	30.5	38.7	48.2	53.2	54.6	60.9	55.1	55.2	.2	-
Change Islands	24.8	31.2	39.7	48.3	55.0	58.6	63.6	55.8	56.3	.9	127.0
Division IX - Northern Peninsula											
Englee	24.9	30.8	40.0	49.5	55.5	56.9	64.3	58.5	59.3	1.4	138.2
St. Anthony	24.6	31.3	39.6	50.3	55.9	56.7	62.7	57.5	57.7	3.5	134.6
Sally's Cove	25.0	30.8	38.8	51.5	57.9	58.9	64.4	59.9	57.9	-3.3	131.6
Green Island Brook	24.8	31.2	39.8	50.5	57.6	57.9	63.9	57.9	57.5	-.7	131.9
Division X - Labrador											
Labrador City/Wabush	25.4	30.4	37.6	46.7	50.9	53.9	56.4	53.3	56.2	5.4	121.2
Happy Valley/Goose Bay	24.3	29.9	35.2	48.8	56.3	60.7	62.6	67.9	59.8	-11.9	146.1
Cartwright	29.7	34.9	41.6	52.4	62.6	66.0	69.7	72.6	67.7	-6.7	127.9
Mary's Harbour	23.9	35.2	41.8	55.0	66.0	68.0	62.0	-	71.0	-	197.1
Port Hope Simpson	-	35.6	42.2	57.0	52.0	67.0	68.6	-	71.0	-	-
L'Anse au Loup	26.4	32.2	42.7	53.0	62.0	-	-	-	-	-	-
West St. Modeste	26.4	32.0	41.7	54.0	62.0	-	-	-	-	-	-
Red Bay	26.4	37.0	42.0	56.0	64.0	-	-	62.1	-	-	-
Forteau	-	32.7	44.1	54.9	61.9	-	-	62.2	-	-	-
Nain	-	31.9	36.1	51.8	60.0	63.7	67.6	73.0	64.5	-11.6	-
Makkovik	-	31.7	38.5	48.8	59.0	-	-	-	-	-	-

Appendix VII

Comparative Cost of Regular Unleaded Gasoline
Selected Communities of Newfoundland & Labrador
May 26-30, 1986 and May 25-29, 1987

Community	1986 (¢/litre)	1987 (¢/litre)	% Increase
Division I - Avalon Peninsula			
St. John's	57.8	57.8	-
Kelligrews	56.2	58.3	3.7
Harbour Main	57.8	56.2	-2.7
Placentia	59.9	59.2	-1.2
Harbour Grace	57.1	56.2	-1.6
Victoria	56.4	55.7	-1.2
Arnold's Cove	57.7	57.4	-.5
Green's Harbour	58.5	58.9	.6
Fermeuse	57.9	58.3	.7
Division II - Burin Peninsula			
Garden Cove	-	56.3	-
Burin	59.9	58.2	-2.8
Epworth	59.9	-	-
Fortune	59.4	59.9	.8
Division III - South Coast			
Channel Port Aux Basques	59.9	58.5	-2.3
Ramea	-	60.8	-
English Harbour West	-	59.9	-
Milltown	57.8	59.9	3.6
Division IV - St. George's			
Stephenville	57.8	55.6	-3.8
Kippens	57.8	55.6	-3.8
Port au Port	60.6	58.0	-4.3
Stephenville Crossing	56.2	55.9	-.5
Great Codroy	59.1	57.9	-2.0
Division V - Humber District			
Deer Lake	58.1	57.9	-.3
Corner Brook	58.5	57.8	-1.2

Appendix VII (Cont'd)

Comparative Cost of Regular Unleaded Gasoline
Selected Communities of Newfoundland & Labrador
May 26-30, 1986 and May 25-29, 1987

Community	1986 (¢/litre)	1987 (¢/litre)	% Increase
Benoits Cove	-	-	-
Steady Brook	58.6	-	-
Halfway Point	58.0	57.6	-.7
Division VI - Central Newfoundland			
Windsor/Grand Falls	58.1	57.5	-1.0
Bishop's Falls	58.1	58.5	.6
Badger	57.7	56.9	-1.4
Buchans Junction	59.0	60.4	2.4
Gander	58.1	57.3	-1.4
Glenwood	58.2	58.0	-.3
Division VII - Bonavista/Trinity			
Glovertown	58.5	58.3	-.3
Catalina	57.4	58.1	1.2
Clarenville	57.9	57.2	-1.2
Lady Cove	-	58.5	-
Newtown	59.2	59.2	-
Division VIII - Notre Dame Bay			
Lewisporte	58.9	58.6	-.5
Musgrave Harbour	59.9	60.6	1.2
Fogo	58.9	58.9	-
Seldom	57.5	59.6	3.7
Change Islands	57.9	58.1	.3
Division IX - Northern Peninsula			
Englee	60.8	61.3	.8
St. Anthony	59.3	59.7	.7
Sally's Cove	61.9	59.9	-3.2
Green Island Brook	59.9	58.9	-1.7

Appendix VII (Cont'd)

Comparative Cost of Regular Unleaded Gasoline
Selected Communities of Newfoundland & Labrador
May 26-30, 1986 and May 25-29, 1987

Community	1986 (¢/litre)	1987 (¢/litre)	% Increase
Division X - Labrador			
Labrador City/Wabush	58.0	59.6	2.8
Happy Valley/Goose Bay	70.1	62.1	-11.4
Port Hope Simpson	-	66.2	-

NOTE: Prices in this table represent the median price of regular unleaded gasoline paid by the consumer.

Appendix VIII

Comparative Cost of a Litre of Diesel Fuel*
Selected Communities of Newfoundland & Labrador
May 26-30, 1986 and May 25-29, 1987

Community	1986 (¢/litre)	1987 (¢/litre)	% Increase 1986-1987
Division I - Avalon Peninsula			
St. John's	65.8	58.4	-11.2
Kelligrews	-	56.0	-
Harbour Main	-	-	-
Placentia	-	-	-
Harbour Grace	-	56.3	-
Victoria	-	-	-
Arnold's Cove	-	-	-
Green's Harbour	65.8	59.5	-9.6
Fermeuse	-	-	-
Division II - Burin Peninsula			
Garden Cove	-	57.3	-
Burin	-	-	-
Epworth	-	-	-
Fortune	-	-	-
Division III - South Coast			
Channel Port Aux Basques	66.2	-	-
Ramea	64.7	-	-
English Harbour West	60.5	-	-
Milltown	-	52.1	-
Division IV - St. George's			
Stephenville	65.6	54.7	-16.6
Kippens	65.6	54.7	-16.6
Port au Port	-	-	-
Stephenville Crossing	65.0	59.9	-7.8
Great Codroy	64.2	-	-
Division V - Humber District			
Deer Lake	65.9	-	-
Corner Brook	65.8	-	-

Appendix VIII (Cont'd)

Comparative Cost of a Litre of Diesel Fuel*
Selected Communities of Newfoundland & Labrador
May 26-30, 1986 and May 25-29, 1987

Community	1986 (¢/litre)	1987 (¢/litre)	% Increase 1986-1987
Benoits Cove	-	-	-
Steady Brook	-	-	-
Halfway Point	-	-	-
Division VI - Central Newfoundland			
Windsor/Grand Falls	-	57.4	-
Bishop's Falls	-	-	-
Badger	64.9	57.0	-10.8
Buchans Junction	-	-	-
Gander	64.2	60.7	-5.5
Glenwood	65.4	56.9	-13.0
Division VII - Bonavista/Trinity			
Glovertown	65.5	-	-
Catalina	67.7	54.9	-18.9
Clarenville	-	62.3	-
Lady Cove	-	62.8	-
Newtown	66.8	65.2	-2.4
Division VIII - Notre Dame Bay			
Lewisporte	65.5	57.4	-12.4
Musgrave Harbour	-	-	-
Fogo	51.7	-	-
Seldom	55.3	57.5	4.0
Change Islands	55.4	54.3	-2.0
Division IX - Northern Peninsula			
Englee	62.0	-	-
St. Anthony	64.8	60.4	-6.8
Sally's Cove	66.9	59.2	-11.5
Green Island Brook	-	-	-

Appendix VIII (Cont'd)

Comparative Cost of a Litre of Diesel Fuel*
Selected Communities of Newfoundland & Labrador
May 26-30, 1986 and May 25-29, 1987

Community	1986	1987	% Increase 1986-1987
	(¢/litre)		
Division X - Labrador			
Labrador City/Wabush	-	61.9	-
Happy Valley/Goose Bay	72.4	63.0	-12.7
Cartwright	-		-
Mary's Harbour	-	63.0	-
L'Anse au Loup	-		-
West St. Modeste	-		-
Red Bay	-		-
Forteau	-		-
Nain	-	70.1	-
Makkovik	-		-
Port Hope Simpson	-		-

* Diesel fuel was available in a number of communities although not at a retail level or for automobile use and therefore these prices have been omitted.

Appendix IX

Rate Structures, Newfoundland Light & Power Co. Ltd.

April, 1987

Customer Charge	$ 10.00
All Kilowatt hours	0.0610 per kilowatt hour

- Consumption in 1986 for regular domestic customers were estimated to be 661 kwh per month. The cost was as follows:

661 kilowatt hours	$ 40.33
Sub-Total	$ 40.33
Customer Charge	10.00
Total	$ 50.33
Discount	$ 1.00
Net Bill	$ 49.33

- Consumption for domestic all-electric customers was estimated in 1985 to be 1,591 kwh per month. This is based on adjusted yearly consumption of 19,089 kilowatt hours.

1,591 kilowatt hours	$ 97.07
Sub-Total	$ 97.07
Customer Charge	10.00
Total	$ 107.07
Discount	$ 1.00
Net Bill	$ 106.07
Net Annual Bill	$1,272.84

NOTE: The Fuel Adjustment Charge applied in previous years was elimated as of January 1, 1986 and a fuel component of 0.948 ¢/kwh has been included in each energy block of the rate to replace it.

Appendix X

Rate Structures for Diesel Generated Electricity
Domestic Customers

April, 1987

Service Charge	$ 10.00
First 600 kilowatt hours	.06101 per kilowatt hours
Next 400 kilowatt hours	.0868 per kilowatt hours
All kilowatt hours over 1000	.1176 per kilowatt hours

- Based on consumption of 675 kilowatt hours per month. The cost was as follows:

600 kilowatt hours	$ 36.61
Next 75 kilowatt hours	6.51
Sub-Total	$ 43.12
Customer Charge	10.00
Total	$ 53.12
Discount	$ 1.00
Total	$ 52.12

NOTE: The fuel adjustment charge for diesel customers applied in previous years was eliminated as of January 1, 1986 and in its place an allowance for anticipated fuel costs has been included in each energy block of the rate.

Appendix XI

Comparative Cost of Furnace Oil
Major Centres
Canada

City	May 1986	May 1987	% Change
	¢/litre		
St. John's	35.9	32.4	-9.8
Charlottetown	32.7	32.3	-1.2
Halifax	32.3	27.4	-15.2
Saint John	34.9	33.0	-5.4
Montreal	25.8	26.6	2.7
Ottawa	32.3	31.5	-2.5
Toronto	30.8	31.4	1.9
Winnipeg	36.1	31.2	-13.6
Regina	29.8	29.1	-2.3
Vancouver	32.7	28.9	-11.6

SOURCE: Statistics Canada

Appendix XII

Comparative Cost of Regular Leaded Gasoline
Full-Service Fillings Stations
Major Centres
Canada

City	May 1986	May 1987	% Change
	¢/litre		
St. John's	54.5	53.7	-1.5
Charlottetown	50.9	51.8	1.8
Halifax	50.1	48.3	-3.6
Saint John	52.8	45.9	-13.1
Montreal	50.3	53.6	6.6
Ottawa	45.0	47.1	4.7
Toronto	38.6	44.7	15.8
Winnipeg	45.8	47.2	3.1
Regina	31.5	40.3	27.9
Edmonton	36.0	38.1	5.8
Vancouver	44.1	50.4	14.3

SOURCE: Statistics Canada

Appendix XIII

Comparative Cost of Regular Leaded Gasoline
Self-Service Fillings Stations
Major Centres
Canada

City	May 1986	May 1987	% Change
	¢/litre		
St. John's	52.7	52.2	-.9
Montreal	50.0	53.3	6.6
Ottawa	44.8	46.9	4.7
Toronto	38.0	43.7	15.0
Winnipeg	45.4	46.8	3.1
Regina	30.9	39.9	29.1
Edmonton	35.7	37.8	5.9
Vancouver	43.9	50.2	14.4

SOURCE: Statistics Canada

Appendix XIV

Comparative Cost of Regular Unleaded Gasoline
Full-Service Fillings Stations
Major Centres
Canada

City	May 1986	May 1987	% Change
	¢/litre		
St. John's	57.3	56.7	-1.0
Charlottetown	53.0	53.8	1.5
Halifax	51.9	49.9	-3.8
Saint John	55.4	49.4	-10.8
Montreal	53.6	57.1	6.5
Ottawa	48.2	50.2	4.1
Toronto	41.6	47.9	15.1
Winnipeg	47.0	48.3	2.8
Regina	33.6	42.3	25.9
Edmonton	38.2	40.8	6.8
Vancouver	46.6	50.4	8.2

SOURCE: Statistics Canada

Appendix XV

Comparative Cost of Regular Unleaded Gasoline
Self-Service Filling Stations
Major Centres
Canada

City	May 1986	May 1987	% Change
	¢/litre		
St. John's	55.7	55.1	-1.1
Montreal	53.3	56.6	6.2
Ottawa	47.8	49.8	4.2
Toronto	41.0	46.6	13.7
Winnipeg	46.6	47.7	2.4
Regina	33.0	41.7	26.4
Edmonton	37.8	40.2	6.3
Vancouver	46.3	50.2	8.4

SOURCE: Statistics Canada

Chart 1

COMPARATIVE COST OF FURNACE OIL
MAJOR CENTRES – CANADA
1983 – 1987

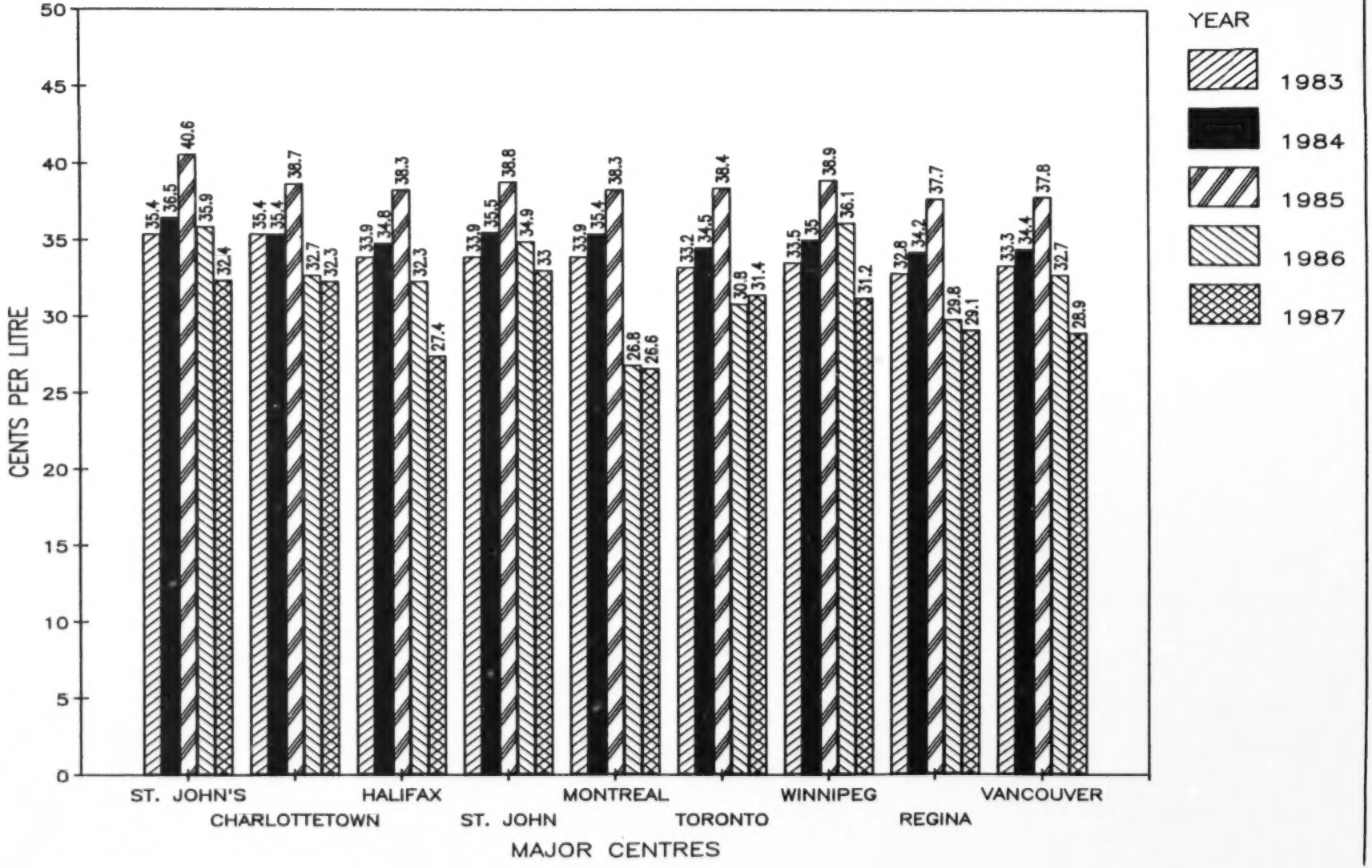


Chart 2

COMPARISON COST OF REGULAR LEADED GASOLINE
MAJOR CENTRES – CANADA
1983 – 1987

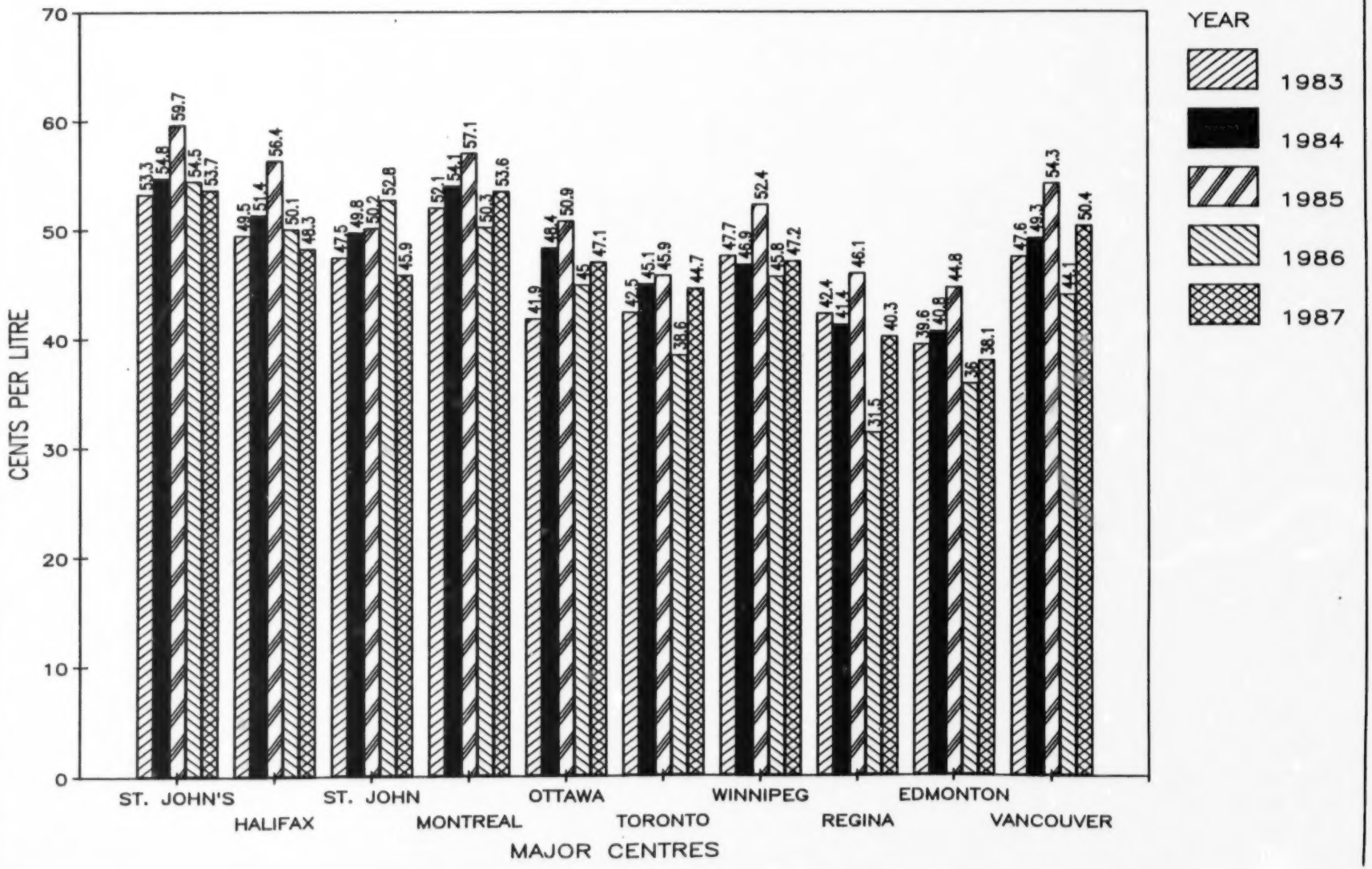


Chart 3

COMPARISON COST OF REGULAR UNLEADED GASOLINE
MAJOR CENTRES – CANADA
1983 – 1987